

WHAT IS CLAIMED IS:

1. A display device capable of displaying a plurality of windows on a display screen, comprising:

discrimination means for discriminating if image data to be displayed on each of the plurality of windows is image data to be displayed on an active window; and

display control means for controlling display of image data to be displayed on each of the plurality of windows on the basis of a discrimination result of said discrimination means.

2. The device according to claim 1, wherein said display control means displays the image data to be displayed on the active window at a higher luminance than a luminance of image data to be displayed on an inactive window.

3. The device according to claim 1, wherein said display control means decimates and displays image data to be displayed on an inactive window other than the image data to be displayed on the active window.

4. The device according to claim 1, wherein said display control means displays the image data to be displayed on the active window at a higher luminance than a luminance of image data to be displayed on an inactive window, and decimates and displays the image data to be displayed on the inactive window.

5. A display control method for a display device capable of displaying a plurality of windows on a display screen, comprising:

the discrimination step of discriminating if image data to be displayed on each of the plurality of windows is image data to be displayed on an active window; and

the display control step of controlling display of image data to be displayed on each of the plurality of windows on the basis of a discrimination result in the discrimination step.

6. The method according to claim 5, wherein the display control step includes the step of displaying the image data to be displayed on the active window at a higher luminance than a luminance of image data to be displayed on an inactive window.

7. The method according to claim 5, wherein the display control step includes the step of decimating and displaying image data to be displayed on an inactive window other than the image data to be displayed on the active window.

8. The method according to claim 5, wherein the display control step includes the step of displaying the image data to be displayed on the active window at a higher luminance than a luminance of image data to be displayed on an inactive window, and decimating and

displaying the image data to be displayed on the inactive window.

9. A storage medium which stores a program that pertains to display control in a format readable by a computer which is connected to or incorporates a display device capable of displaying a plurality of windows on a display screen, said program comprising:

the discrimination step of discriminating if image data to be displayed on each of the plurality of windows is image data to be displayed on an active window; and

the display control step of controlling display of image data to be displayed on each of the plurality of windows on the basis of a discrimination result in the discrimination step.

10. A display device capable of displaying a plurality of windows on a display screen, comprising:

input means for inputting display data;

first storage means for storing the input display data;

second storage means for storing the display data output from said first storage means;

display means for displaying the display data stored in said second storage means at a predetermined luminance;

detection means for detecting position information on said display means where the display data is to be displayed;

discrimination means for discriminating based on  
5 the detected position information if the display data is active; and

luminance control means for lowering the luminance of the display data when said discrimination means determines that the display data is not active.

10 11. The device according to claim 10, wherein a pointing device is connected to said display device, and said display means can display a cursor which indicates an arbitrary position on said display means in accordance with operation of said pointing device, and  
15 said discrimination means detects a position of the cursor on said display means, and discriminates based on the detected position of the cursor and the position information if the display data is active.

12. A display device capable of displaying a plurality  
20 of windows on a display screen, comprising:

input means for inputting display data;

first storage means for storing the input display data;

second storage means for storing the display data  
25 output from said first storage means;

display means for displaying the display data stored in said second storage means at a predetermined luminance;

detection means for detecting position information  
5 on said display means where the display data is to be displayed;

discrimination means for discriminating based on the detected position information if the display data is active; and

10 luminance inversion means for inverting the luminance of the display data when said discrimination means determines that the display data is not active.

13. The device according to claim 12, wherein a pointing device is connected to said display device, and  
15 said display means can display a cursor which indicates an arbitrary position on said display means in accordance with operation of said pointing device, and

said discrimination means detects a position of the cursor on said display means, and discriminates  
20 based on the detected position of the cursor and the position information if the display data is active.

14. A display control method for a display device capable of displaying a plurality of windows on a display screen, comprising:

25 the input step of inputting display data;

the first storage step of storing the input display data in first storage means;

the second storage step of storing the display data output from said first storage means in second storage means;

the display step of displaying on display means the display data stored in said second storage means at a predetermined luminance;

the detection step of detecting position information on said display means where the display data is to be displayed; and

the discrimination step of discriminating based on the detected position information if the display data is active,

wherein the luminance of the display data is lowered when it is determined that the display data is not active.

15. The method according to claim 14, wherein a pointing device is connected to said display device, and said display means can display a cursor which indicates an arbitrary position on said display means in accordance with operation of said pointing device, and

upon discriminating if the display data is active, a position of the cursor on said display means is detected, and whether or not the display data is active

is discriminated based on the detected position of the cursor and the position information.

16. A display control method for a display device capable of displaying a plurality of windows on a display screen, comprising:

the input step of inputting display data;

the first storage step of storing the input display data in first storage means;

the second storage step of storing the display data output from said first storage means in second storage means;

the display step of displaying on display means the display data stored in said second storage means at a predetermined luminance;

the detection step of detecting position information on said display means where the display data is to be displayed; and

the discrimination step of discriminating based on the detected position information if the display data is active,

wherein the luminance of the display data is inverted when it is determined that the display data is not active.

17. The method according to claim 16, wherein a pointing device is connected to said display device, and said display means can display a cursor which indicates

an arbitrary position on said display means in accordance with operation of said pointing device, and upon discriminating if the display data is active, a position of the cursor on said display means is detected, and whether or not the display data is active is discriminated based on the detected position of the cursor and the position information.

18. A storage medium which stores a program that pertains to display control in a format readable by a computer which is connected to or incorporates a display device capable of displaying a plurality of windows on a display screen, said program comprising:

- the input step of inputting display data;
- the first storage step of storing the input display data in first storage means;
- the second storage step of storing the display data output from said first storage means in second storage means;
- the display step of displaying on display means the display data stored in said second storage means at a predetermined luminance;
- the detection step of detecting position information on said display means where the display data is to be displayed; and



the discrimination step of discriminating based on the detected position information if the display data is active,

wherein the luminance of the display data is  
5 lowered when it is determined that the display data is not active.

19. The medium according to claim 18, wherein the discrimination step includes the step of detecting a position of a cursor, which indicates an arbitrary  
10 position on said display means in accordance with operation of a pointing device connected to said display device, on said display means, and discriminating based on the detected position of the cursor and the position information if the display data is active.

15 20. A storage medium which stores a program that pertains to display control in a format readable by a computer which is connected to or incorporates a display device capable of displaying a plurality of windows on a display screen, said program comprising:

20 the input step of inputting display data;  
the first storage step of storing the input display data in first storage means;

the second storage step of storing the display data output from said first storage means in second  
25 storage means;

the display step of displaying on display means  
the display data stored in said second storage means at  
a predetermined luminance;

the detection step of detecting position  
5 information on said display means where the display data  
is to be displayed; and

the discrimination step of discriminating based on  
the detected position information if the display data is  
active,

10 wherein the luminance of the display data is  
inverted when it is determined that the display data is  
not active.

21. The medium according to claim 20, wherein the  
discrimination step includes the step of detecting a  
15 position of a cursor, which indicates an arbitrary  
position on said display means in accordance with  
operation of a pointing device connected to said display  
device, on said display means, and discriminating based  
on the detected position of the cursor and the position  
20 information if the display data is active.

22. A display device capable of displaying a plurality  
of windows on a display screen, comprising:

connection means for connecting a plurality of  
types of input devices;

25 discrimination means for discriminating if image  
data input from each of the input devices connected to

said connection means is image data to be displayed in an active window;

input control means for controlling an input timing of image data input from each of the input devices connected to said connection means on the basis of a discrimination result of said discrimination means;

image processing means for performing an image process of image data input from said input control means; and

display means for displaying image data that has undergone the image process in said image processing means.

23. The device according to claim 22, wherein the input timing is a predetermined timing.

24. The device according to claim 22, further comprising setting means for setting the input timing.

25. The device according to claim 22, wherein said image processing means comprises luminance control means for controlling a luminance of image data input from: said input control means.

26. A display control method for a display device capable of displaying a plurality of windows on a display screen, comprising:

the discrimination step of discriminating if image data input from each of a plurality of types of input

devices is image data to be displayed in an active window;

the input control step of controlling an input timing of image data input from each of the input devices on the basis of a discrimination result in the discrimination step;

the image processing step of performing an image process of image data input from the input control step; and

10 the display step of displaying image data that has undergone the image process in the image processing step.

27. The method according to claim 26, wherein the input timing is a predetermined timing.

28. The method according to claim 26, further comprising the setting step of setting the input timing.

29. The method according to claim 26, wherein the image processing step includes the luminance control step of controlling a luminance of image data input from the input control step.

20 30. A storage medium which stores a program that pertains to display control in a format readable by a computer which is connected to or incorporates a display device capable of displaying a plurality of windows on a display screen, said program comprising:

25 the discrimination step of discriminating if image data input from each of a plurality of types of input

devices is image data to be displayed in an active window;

the input control step of controlling an input timing of image data input from each of the input  
5 devices on the basis of a discrimination result in the discrimination step;

the image processing step of performing an image process of image data input from the input control step;  
and

10 the display step of displaying image data that has undergone the image process in the image processing step.

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